

WHAT IS CLAIMED IS:

1. A system for performing ultrasonic surgical procedures comprising:
an ultrasonic instrument including a housing, an elongated body portion, and a jaw assembly supported adjacent a distal end of the elongated body portion, the housing being configured to removably receive an ultrasonic transducer; and
a trocar assembly including a cannula dimensioned to slidably receive the elongated body portion of the ultrasonic instrument.
2. A system according to Claim 1, wherein the trocar assembly is a 5mm trocar assembly.
3. A system according to Claim 1, wherein the trocar assembly is selected from the group consisting of a 5mm, a 10mm and a 12mm trocar assembly.
4. A system according to Claim 1, wherein the jaw assembly includes a cutting jaw and a clamp, the clamp being movable in relation to the cutting jaw from an open position spaced apart from the cutting jaw to a clamped position in juxtaposed alignment with the cutting jaw.
5. A system according to Claim 4, wherein the ultrasonic instrument includes a vibration coupler adapted to operably engage an ultrasonic transducer.
6. A system according to Claim 5, wherein the ultrasonic instrument includes a tubular actuator member having a proximal end operably connected to a movable handle and a distal end operably connected to the clamp.
7. A system according to Claim 6, wherein the vibration coupler, cutting jaw and clamp are non-detachably connected together and require no assembly prior to use.
8. A system according to Claim 4, wherein the cutting jaw includes a blade surface which is curved such that the angle defined by a line drawn tangent to the blade surface and the

longitudinal axis of the elongated body portion varies along the length of the blade surface from about 5 degrees to about 75 degrees.

9. A system according to Claim 8, wherein the angle varies from about 5 degrees to about 45 degrees.

10. A system according to Claim 5, further comprising a rotatable collar operatively associated with the vibration coupler, the clamp, and the cutting jaw such that rotation of the rotatable collar causes corresponding rotation of the vibration coupler, the clamp and the cutting jaw about the longitudinal axis of the vibration coupler.

11. A system according to Claim 4, wherein the clamp has a tissue engaging surface, the clamp being movable from the open position in which the tissue engaging surface is spaced from a blade surface of the cutting jaw to a clamped position in which the clamp is in juxtaposed alignment with the blade surface of the cutting jaw to capture tissue between the tissue engaging surface and the blade surface.

12. A system according to Claim 1, further including a control module to regulate the power supplied to the ultrasonic instrument.

13. A system according to Claim 12, further including a remote actuator for initiating the supply of power to the ultrasonic instrument.

14. An ultrasonic instrument comprising:
an outer tube defining a longitudinal axis and having a proximal end and a distal end;
an actuation member positioned within the outer tube;
a vibration coupler positioned within the outer tube, the vibration coupler having a distal end and a proximal end;
a jaw member have a curved blade extending from the distal end of the vibration coupler;

a clamp mounted adjacent the distal end of the outer tube, the clamp being movable in relation to the jaw member between open and clamped positions, the clamp being operably associated with the actuation member such that movement of the actuation member moves the clamp between the open and clamped positions.

15. An ultrasonic instrument according to Claim 14, wherein the clamp includes a camming member which engages the actuation member.

16. An ultrasonic instrument according to Claim 15, wherein the actuation member includes a slot for receiving the camming member of the clamp.

17. An ultrasonic instrument according to Claim 16, wherein the clamp includes a pair of camming members and the actuation member includes a pair of slots, each one of the pair of slots being positioned to receive one of the pair of camming members.

18. An ultrasonic instrument according to Claim 17, wherein each of the slots include an angled cam slot.

19. An ultrasonic instrument according to Claim 18, wherein the curved blade is convex.

20. An ultrasonic instrument according to Claim 18, wherein the distal end of the actuation member is substantially U-shaped, the slots being formed in the distal end of the actuation member.